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September 3, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No.: 004-7982



Transmitted herewith for filing is a patent application as follows:

Inventor(s): Paul A. Martin, Guy L. Steele Jr., Nir N. Shavit, Steven K. Heller, Mark S. Moir and Victor M. Luchangco
Title: SHARED SKIP-LIST DATA STRUCTURE SYNCHRONIZED USING DOUBLE-COMPARE-AND-SWAP OPERATIONS
Assignee: Sun Microsystems, Inc.

Enclosed are:

- ☒ Application Data Sheet (4 page(s))
- ☒ Request for Non-Publication and Certification under 35 U.S.C. 122(b)(2)(B)(i) (1 page(s))
- 39 Pages of Written Description (including Specification, Claims and Abstract)
- 10 Sheets of Drawings, ☒ Formal / ☐ Informal
- ☒ Declaration for Patent Application (2 pages), ☒ Executed/ ☐ Unexecuted
- ☒ Assignment of the Invention (3 pages, including Cover Sheet)
- ☐ Information Disclosure Statement (_____ pages)
☐ with Form(s) PTO 1449 (_____ page(s)) and copies of _____ reference(s)
- ☒ Other: Check in the amount of \$1,276
- ☒ This Transmittal Letter (in duplicate) (2 page(s)) ☒ Return Postcard

CLAIMS AS FILED

	Number Filed	Number Extra	Rate	Fee
Basic Fee =				750.00
Total Claims	33 - 20	= 13	x \$18.00 =	234.00
Independent Claims	6 - 3	= 3	x \$84.00 =	252.00
Multiple Dependent Claims (if any) - \$280.00 fee				
Other: Record Assignment				40.00
TOTAL FILING FEE				\$1,276.00

- ☐ Small entity status is entitled to be asserted for the application.
- ☒ A check is enclosed for the Total Filing Fee shown above.
- ☐ Please charge the Total Filing Fee shown above to Deposit Account 50-0631.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 that may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

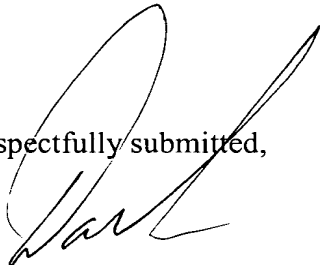
September 3, 2003

RE: 004-7982

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EXPRESS MAIL LABEL NO.
EV335379732US

Respectfully submitted,



David W. O'Brien, Reg. No. 40,107
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul A. Martin, Guy L. Steele Jr., Nir N. Shavit, Steven K. Heller, Mark S. Moir and Victor M. Luchanco

Title: SHARED SKIP-LIST DATA STRUCTURE SYNCHRONIZED USING DOUBLE-COMPARE-AND-SWAP OPERATIONS

Application No.: (unassigned) Filed: Herewith

Examiner: (unassigned) Group Art Unit: (unassigned)

Atty. Docket No.: 004-7982

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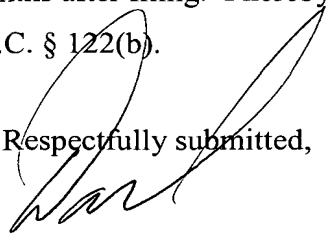
**REQUEST FOR NONPUBLICATION
AND CERTIFICATION (35 U.S.C. § 122(b)(2)(B)(i))**

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. § 122(b).

EXPRESS MAIL LABEL NO.:

EV335379732US

Respectfully submitted,


David W. O'Brien, Reg. No. 40,107
Attorney for Applicant(s)
(512) 347-9030
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This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).